DOIT
Operations Technical Support

S390 Software

DB2 V8

Date: 11/03/2006

ABOUT DB2 V8

DB2 Version 8 is the most comprehensive release of DB2 ever offered. The new version features a broad range of enhancements and improvements by utilizing the capacity and processing power of the z/Series server and z/OS operating system. Availability, scalability and manageability have resulted in improved performance, capacity and security.

DB2 V8 enhancements include:

- Table name sizes as well as view and alias names from 18 to 128 characters
- Column sizes, from 18 to 30 characters
- Maximum number of partitions from 256 to 4096
- Structured Query language(SQL) statement length from 32 kilobytes to 2 megabytes
- Number of tables in join from 15 to 255
- Data encryption at the column level
- Strengthened Java technology and Unicode support
- Structured Query Language(SQL) consistency and compatibility across the DB2 family
- Multi-row insert and fetch, get diagnostics, insert with in a select, dynamic scrollable cursors, scalar full select, MQT(Materialized Query tables) and XML publishing are just a few of the enhancements in the Structured Query Language(SQL)
- Data Warehousing enhancements
- Partitioning enhancements which include dynamic partition management for addition and rotation of partitions.

PROJECT DATES

Project dates listed below take in account the move to DB2 V8 in Compatibility mode only. After we are fully implemented in compatibility mode, we will then plan the move to New Function Mode (NFM). New functions will not be available until that time.

- DOIT Technical Support is currently installing DB2 V8 on a test platform (SYS1)
- DOIT Technical Support will do extensive testing SYS1, before moving to test subsystems. Estimated move to test subsystems (DSNS,DSN) is after 2/2007.
- Production implementation (DSNQ, DSNP) date will be announced.
- Move test subsystems (DSNS,DSN) to NFM(New Function Mode) date to be announced.
- Move production subsystems (DSNQ,DSNP) to NFM(New Function Mode) date to be announced.